

artdaq - Idea #6000

Port the BoardReader code to the RCE

04/23/2014 10:09 AM - Kurt Biery

Status:	Rejected	Start date:	04/23/2014
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Additional Functionality	Estimated time:	120.00 hours
Target version:			
Experiment:			
Description For the LBNE 35-ton detector (which uses SLAC RCE hardware modules for reading out the data), the initial plan is to not run any <i>artdaq</i> code on the RCE. Custom network-transfer code will be written as part of the <i>artdaq</i> FragmentGenerator that is created to read out the TPC data from the RCE. However, a longer-term goal will be to port the BoardReader application (and whatever fraction of the dependent packages are needed) to the RCE platform. The initial time estimate for this is just a guess...			

History

#1 - 01/13/2017 04:14 PM - Eric Flumerfelt

- *Category set to Additional Functionality*
- *Target version deleted (577)*

#2 - 10/18/2019 02:55 PM - Eric Flumerfelt

- *Status changed from New to Rejected*

At least for now, experiments are targeting PCIe-based FPGA readouts. If an experiment decides to use an embedded device and would like to run BoardReaders there in the future, we can always open a new issue.